

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	110	hongo-akihisa.in. ito-kenya.in.	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:02
L2	23	1 and (wave\$1 ultrasonic piezoelectric\$3)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:09
L3	58546	(anode\$1 cathode\$1 electrode\$1) with (wave\$1 ultrasonic piezoelectric\$3 transducer\$1)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:12
L4	6209	3 and (electrolyt\$5)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:11
L5	2204	4 and (semiconductor\$1 wafer\$1)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:11
L6	2355	((anode\$1 cathode\$1 electrode\$1) with (wave\$1 ultrasonic piezoelectric\$3 transducer\$1))same (electrolyte electrolytically electrolytic electrochemical electrochemically)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:13
L7	1500	((anode\$1 cathode\$1 electrode\$1) with (wave\$1 ultrasonic piezoelectric\$3 transducer\$1))with (electrolyte electrolytically electrolytic electrochemical electrochemically)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:14
L8	1367	((anode\$1 cathode\$1 electrode\$1) with (bubbl\$3))with (electrolyte electrolytically electrolytic electrochemical electrochemically)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:15
L9	116	((anode\$1 cathode\$1 electrode\$1) same (bubbl\$3))same (electrolyte electrolytically electrolytic electrochemical electrochemically) same (wave\$1 ultrasonic piezoelectric\$3 transducer\$1)	US-PGPUB; USPAT	OR	OFF	2008/01/06 18:17
L10	33	("1965813"   "2034458"   "2177626"   "2695874"   "2717872"   "2888939"   "3119760"   "3767542"   "3771361"   "3957618"   "3990962"   "4113601"   "4206029"   "4299681").PN. OR ("4336122").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:35
L11	1	"proximity head" with (ultrasonic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:37

## EAST Search History

L12	32	("20020148732" "20030181141" "20040154931" "20050034999" "4663004" "6352469" "6554205" "6811680" "6852630" "6923892" "6942780").PN. ("5575706" "6143155" "6391166").PN. ("20030041879" "20040055621" "4968375" "4980300" "6048405" "6074442").PN.("6241588" "6495005").PN"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:39
L13	36	09/888002 09/651779	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:39
L14	67	12 13	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:41
L15	16	14 and (ultrasonic piezoelectric transducer\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:48
L16	38425	(electrode\$1 anode\$1 cathode\$1) with (ultrasonic piezoelectric transducer\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:49
L17	3088	(electrode\$1 anode\$1 cathode\$1) with ( (ultrasonic piezoelectric transducer\$1) with (showerhead head) "shower head")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:50
L18	1	"7264007".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:58
L19	12	(boyd-\$ ravkin-\$ redeker-\$ delarios-\$). in. and ((anode\$1 cathode\$1 head) with (acoustic ultrasonic transducer\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:02
L20	0	"7264007".pn. and (electrode\$1 anode\$1 cathode\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 18:58
L21	18	(boyd-\$ ravkin-\$ redeker-\$ delarios-\$). in. and ((anode\$1 cathode\$1 electrode\$1) with (acoustic ultrasonic transducer\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:06
L22	67	10/261839	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:09
L23	2	"7234477".pn. "6488040".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:11
L24	0	23 and (ultrasonic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:09

## EAST Search History

L25	0	23 and (acoustic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:09
L26	1	"6488040".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 19:11